

APPLICATION PROGRAM INTERFACE FOR PROGRAMMABLE ARCHITECTURE CORES

ABSTRACT OF THE DISCLOSURE

A system and computer program product are provided for allowing an application to be integrated with any one of a plurality of distinct types of programmable platforms. First included is a platform-independent application and a platform-independent interface. The platform-independent interface is capable of interfacing the platform-independent application with any one of the distinct types of programmable platform. The programmable platform is further equipped with a platform-dependent interface. This platform-dependent interface serves in conjunction with the platform-independent interface in providing the interface between the platform-independent application and the programmable platform. As such, a versatile framework is provided that allows the reuse of the platform-independent application on numerous different types of programmable platforms.